The Builder

A JOURNAL FOR THE

Architect, Engineer, Operative & Artist.

VOL. X.—No. 474. MARCH 6, 1852. PRICE FOURPENCE. Stamped 5d.

ILLUSTRATIONS.

The Plymouth and Cottonian Libraries: Messrs. Wightwick and Damant, Architects 132

Part of the Entrance Gates, British Museum: Mr. Sydney Smirke, A.R.A. Architect 133

CONTENTS.

Lambeth—Improvement of Dwellings Needed—Rebuilding of Lambeth Church 143

Fine-Art: its Nature, Relations, and Tendencies 145

Architecture to his Son: The Lamp of making a Living: Conclusion 146

Royal Academy Lectures on Architecture 149

Notes in the Provinces 150

Polychromy 150

Foreign Architectural and Artistical Intelligence 151

"The Builder" abroad 151

The Holmfirth Catastrophe 151

Swansea Free Grammar School 151

Telegraphic Communication—St. George's Hospital 151

Plymouth Public Library 152

The new Enclosure, British Museum 152

Sights and Scenery 153

The Cost of Colney Hatch County Lunatic Asylum 156

The practical Instruction of Workmen: Lectures at Geological Museum 153

Gas Lighting 155

Ships: New Independent Chapel and School-house 156

Farm Schools for Pauper Children 156

Cambridge Military Asylum Competition 156

Notices of Books: Roberts's Hints to Students (Whittaker); Heywood's Report on Clay Works; Demaray on Machinery (Atchley); Transactions of Scottish Architectural Institute; Key to Tate's Exercises, &c. (Longman); Jerrold on British Museum (Bradbury and Evans); Hind's Solar System (Orr) 156

Miscellanea 157

ADVERTISEMENTS.

BUILDERS' BENEVOLENT INSTITUTION.—An ELECTION of THREE PENSIONERS, Two Male and One Female, will take place on Thursday, 27th May next, at the London Tavern, Bishopsgate-street. Candidates may obtain Forms of Application to be returned on or before the 12th March, by applying to the Secretary, at the Office, 276, New Oxford-street. Pensions, 24l. per annum for Males, and 20l. for Females.

A. G. HARKER, Secretary.

CONTRACTS.

TO BUILDERS.

PARTIES desirous of TENDERING for the ERECTION and COMPLETION of SIX Fourth-rate HOUSES, with additions, on David Hughes, esq.'s estate at Dalston, may inspect the plans and specifications from Wednesday next, the 24th inst. until Thursday, the 18th, at Mr. TATLOCK'S Office, Shrubland-road, Dalston.

PERSONS desirous of CONTRACTING for the ERECTION of FOUR HOUSES in Liverpool-street, Newcastle-under-Lyme, may inspect the drawings and specification at my office between the hours of Nine and Five, until Saturday, the 13th instant, when sealed tenders may be sent to me, indorsed "Tender for Houses in Liverpool-street." The lowest tender will not necessarily be accepted.

ROBERT CHAPMAN, Architect.

Newcastle, March 1st, 1852.

TO BUILDERS.

PERSONS desirous of CONTRACTING with the Committee for the ENLARGEMENT of the PARISH CHURCH of HADLOW, Kent, are informed that, on and after FRIDAY, the 12th instant, the plans, specification, and conditions, may be seen by application at the National School-room, Hadlow; and that after that day, duplicates of the same will be for inspection at the Office of the Architect, Mr. CHRISTIAN, 8, Bloomsbury-square, London, where all necessary further information may be obtained. The Committee do not bind themselves to accept the lowest tender.

TO ROAD CONTRACTORS AND OTHERS.

PERSONS willing to send in TENDERS offering to Contract to make NEW ROADS and WIDEN existing ones in the parishes of SANDHALTON and BEDDINGTON, in the county of SURREY, on the Croydon and Epsom Railway, may see the plans, section, and specification at the Office of Mr. GRANTHAM, 3, Robert-street, Adelphi, on and after Monday, the 8th instant, and the tender, forms of which will be provided, must be sent in on or before Thursday, the 18th.—March 4, 1852.

WESTMINSTER FREEHOLD LAND SOCIETY, KING'S PATENT ESTATE.—TENDERS are required for FORMING and MAKING about Two feet of ROAD, to be made, SCULLING about 70 feet of 9 feet 6 inches BARREL DRAIN, and preparing and fixing Posts and Gate to entrance. A plan and specification may be seen at the Office, No. 4, Bennet's-buildings, Strand, any day between Ten and four.—Tenders must be sent in on or before Saturday, March 13th.

ST. GEORGE (East), Middlesex.—The Guardians of the Poor of this parish will, on FRIDAY, the 12th inst., receive TENDERS for SCUFFLING and FIXING an IRON RAILING, with Gates, &c. at the Industrial School, Plashet. Plans and specifications may be seen, and further particulars known, at the office of ANDREW WILSON, Esq. Architect, 34, Cannon-street-road, until the 10th inst. between 10 and 4 o'clock.

By order of the board,

THOMAS STONE, Clerk.

Shorter-street, Wellclose-square, March 1, 1852.

CONTRACTS.

PENRITH LOCAL BOARD of HEALTH.

No. 1.—Contract for Sewer and Drain Pipes, &c.—The Local Board of Health, Penrith, hereby give Notice, that they will be prepared to receive TENDERS for SEWERAGE and DRAINAGE PIPES, including Curves, Bends, Junctions, Tapering Pipes, Street and Yard Gully-pieces, &c. &c. The specification, as also general and detail drawings, may be inspected on and after the 24th day of February next, 1852, at the Office of the Local Board, Penrith. A copy of the specification may be obtained at the same Office, on the payment of 2s. Tenders must be addressed, under cover, to "The Chairman of the Local Board, Penrith. Tender for Sewer and Drain Pipes." They must be sent in on or before the 12th day of March next, 1852.

Penrith, 21st February, 1852. R. G. HINDSON, Clerk.

PENRITH LOCAL BOARD of HEALTH.

Contract No. 2.—For Excavating, Laying, Jointing, and Filling in the Ground over Sewer and Drain Pipes and for Excavating Trenches for Water Pipes, &c.—The Local Board of Health, Penrith, hereby give Notice, that they will be prepared to receive TENDERS for EXCAVATING and LAYING certain SEWER and DRAIN PIPES, as also for EXCAVATING certain TRENCHES for WATER PIPES, within their district. The specification, as also the plans and sections, may be inspected on and after the 24th day of February next, 1852, at the Office of the Local Board, Penrith. A copy of the specification may be obtained on the payment of 2s. 6d. at the same office. Tenders must be addressed, under cover, sealed, and indorsed "To the Chairman of the Local Board, Penrith. Tender for Excavating and Laying Sewer and Drain Pipes, &c." Tenders must be sent in on or before the 12th day of March next, 1852.

Penrith, 21st February, 1852. R. G. HINDSON, Clerk.

PENRITH LOCAL BOARD of HEALTH.

Contract No. 3.—For Cast-iron Water Pipes, &c.—The Local Board of Health, Penrith, hereby give Notice, that they will be prepared to receive TENDERS for a WATER-WHEEL and WATER-WORKS PUMPS with air vessels, &c. complete. The Wheel and Pumps must be capable of raising 145,000 gallons of water 170 feet high in ten hours. The specification may be inspected, or copies obtained, on the payment of 2s. at the office of the Local Board, on and after the 24th day of February next, 1852. Tenders must be addressed, under cover, sealed, and endorsed, "To the Chairman of the Local Board of Health, Penrith. Tender for Water-Wheel and Water-Works Pumps." They must be sent in on or before the 12th day of March next, 1852. R. G. HINDSON, Clerk.

Penrith, 21st February, 1852.

TO BUILDERS.

THE Committee of the Society of Friends of Foreigners in distress are desirous of receiving TENDERS for the ALMSHOUSES to be ERECTED at Norwood. Builders willing to tender for the same may obtain schedules of the quantities of materials, and may see the drawings, specification, conditions, and form of tender, at the Office of the Architect, Mr. E. B. LAMB, 20, Charlotte-street, Portland-place, on and after Friday, the 5th day of March. Tenders to be addressed to the Committee of the Society of Friends of Foreigners in distress, indorsed, "Tender for Almshouses," and sent to the Office of the Society, Finsbury Chambers, London-wall, on Thursday, the 11th day of March, at One o'clock precisely. The Committee do not pledge themselves to accept the lowest tender.—March 3, 1852.

TO BUILDERS.

THE Committee of the Ragged and Industrial Schools of St. Giles and St. George, Bloomsbury, are desirous of receiving TENDERS for the FINISHING of a SKELETON HOUSE, at the corner of Broad-street and Compton-street, Bloomsbury, for the purpose of the said Schools. The drawings and particulars of the works to be done have been prepared by Mr. BELLAMY, and may be seen at the Office of Mr. J. WILLIAMS, the Surveyor employed to take out the quantities on the part of the Committee, 4, Bedford-street, Bedford-square. The tenders are to be sent to the Secretary, Mr. WM. WILLIAMS, No. 14, Montague-street, Brunswick-square, before one o'clock on Monday, 22nd March instant, under cover, endorsed, "Tender for Works of Ragged and Industrial Schools." The Committee will meet at the National School House, Pied Bull yard, Bury-street, Great Russell-street, Bloomsbury, at eight o'clock p.m. on the same day, to open the tenders, but do not bind themselves to accept the lowest or any tender unless the amount be within the funds available for the purpose.—3rd March, 1852.

ALTON, HANTS.—Builders desirous of CONTRACTING for the execution of extensive ADDITIONS to a GENTLEMAN'S RESIDENCE, may see the plans and specification, on and after MONDAY, the 8th instant, by application to M. HALL, Esq. Alton; or at my Office, Reading. Tenders to be delivered to me, not later than Wednesday, the 17th instant, at two o'clock, when they will be opened in the presence of the contractors wishing to attend. The lowest tender will not necessarily be accepted. Bills of quantities can be obtained at my office.

Reading, March 3rd, 1852. W. F. POULTON, Architect.

HARWICH PIER, &c.—NOTICE to CONTRACTORS.—The Corporation of Harwich purpose proceeding forthwith to carry into effect the provisions of their Act of Parliament of last Session for the CONSTRUCTION of a TIMBER PIER, with LOW-WATER LANDING, and a PORTION of the QUAYS, and DREDGING. Plans and specifications will be ready on and after the 12th day of March instant, and tenders will have to be delivered at the Town-clerk's Office, Harwich, on the 26th instant.—Information may be obtained on application to Mr. PETER BRUFF, Engineer, Ipswich, or to Mr. CHAPMAN, Town-clerk of Harwich.—March 1, 1852.

CONTRACTS.

Royal Engineer Office, Brighton, 23rd February, 1852.

TO BUILDERS.

SUCH Persons as are desirous of undertaking the several BRANCHES of ARTIFICERS' WORK, IRON-MONGERY, CAST-IRON, and METAL WORK required in the ORDNANCE DEPARTMENT at the places undermentioned, including Repairs to the several Barracks, upon a Contract for Three Years from 1st of April next, determinable at any period after the expiration of One Year, on either party giving three months' notice in writing, may be furnished with printed schedules of prices, and the conditions of the Contract, with every necessary information respecting the same, by application at this Office. Stations for which separate Tenders will be received: Brighton, Shoreham to Eastbourne, Eastbourne to Fairlight. The tenders will be required to be delivered before Twelve o'clock at noon on Wednesday, the 17th day of March next, at the Ordnance Office, Pall mall, addressed to "The Secretary to the Board of Ordnance." The persons whose tenders shall be approved will be required to provide eligible securities, and execute a bond for the due performance thereof, and to pay half the amount of the stamp on the bond.

Royal Engineer's Office, Plymouth, February 23, 1852.

TO BUILDERS.

SUCH persons as are desirous of undertaking the several BRANCHES of ARTIFICERS' WORK, IRON-MONGERY, CAST-IRON, and METAL WORK required in the ORDNANCE DEPARTMENT at the places undermentioned, including Repairs to the several Barracks (excepting those of the Royal Marines), upon a contract for three years from the 1st of April next, determinable at any period after the expiration of one year, on either party giving three months' notice in writing, may be furnished with the printed schedules of prices, and the conditions of the contract, with every necessary information respecting the same, by application at this office, or at the offices of the Barrack masters of the several barracks, between the hours of Ten and Three each day, Sundays excepted. Stations for which separate tenders will be received:—Portsmouth, including Fareham, Gosport, and detached works, and excepting Fort Cumberland, Hurst Castle, and Calshot Castle, Winchester, Chichester, Southampton, Little Hampton, Isle of Wight. The tenders will be required to be delivered before Twelve o'clock at noon on Wednesday, the 17th day of March next, at the Ordnance Office, Pall Mall, London, addressed to "The Secretary to the Board of Ordnance". The persons whose tender shall be approved will be required to provide eligible securities, and execute a bond for the due performance thereof, and to pay half the amount of the stamp on the bond.

TO BUILDERS.

EPSOM UNION INFIRMARY.—The Guardians of the Epsom Union are ready to receive TENDERS for the ERECTION of an INFIRMARY and other Buildings, at the Union Workhouse, Epsom, the drawings and specifications of which, and the draft contract, may be seen at the office of Mr. HENRY ANDREWS, Architect to the Board of Guardians, High-street, Epsom. Sealed tenders to be delivered at my office in Epsom, on or before Tuesday, the 9th day of March next, indorsed "Tender for New Infirmary." The contractor will be required to find sureties to the amount of 200l. for the due performance of his contract. The Guardians do not bind themselves to accept the lowest or any of the tenders.

By order of the Board,

WM. EVERETT, Clerk.

Epsom, 20th Feb. 1852.

SOUTH METROPOLITAN INDUSTRIAL SCHOOLS.—TO BUILDERS.—The Board of Managers of the South Metropolitan School District hereby give Notice, that Builders who may be desirous of submitting TENDERS for ERECTING their intended SCHOOLS at Sutton, in Surrey, to accommodate 1,200 resident children, in conformity with the regulations of the Poor-Law Board, providing school-rooms, dormitories, officers' residences, detached infirmary, &c. &c. may see the conditions of contract at the Office of the Architect, Mr. EDWIN NASH, No. 5, Adelaide-place, London-bridge. Those Builders who previous to the 8th March shall signify in writing their desire to tender and willingness to abide by the conditions, will be expected to join in the appointment of a Surveyor to take out the quantities, prior one to the 15th March, after which the drawings and specification will be open to their inspection. The Managers do not bind themselves to adopt the lowest or any tender.

By order,

THOS. WM. PLUM, Clerk of the Board.

24th February, 1852.

MIDLAND RAILWAY.—The Directors are prepared to receive TENDERS for the ERECTION of a CHEESE WAREHOUSE and other Works in connection therewith, at the Burton-on-Trent station. The drawings and specification may be seen, and quantities obtained, upon application at the Engineer's Office, Derby station, on and after Monday, the 8th inst. Tenders, in one amount for the whole of the Works, to be addressed to the Secretary to the Way and Works Committee, Derby station, by Ten, a.m. on Tuesday, the 16th inst. The Directors do not bind themselves to accept the lowest or any tender.—By Order.

Derby, March 3, 1852. J. F. BELL, Secretary.

STREET WATERING.—Notice is hereby given, that the Commissioners of Pavements of the Borough of Southwark, or Finsbury, or Bishop of Westminster's Liberty, in the parish of Saint Saviour, Southwark, will meet at their Commissioners' Room, Emerson-street, within the said manor or liberty, on Wednesday, the 17th day of March next, at Six o'clock in the evening precisely, to receive PROPOSALS for WATERING the several Roads, Streets, Lanes, Public Passages and other places, within the said manor or liberty, twice in every day of the week (except Sundays, and then once only), from the 25th day of March, until the 29th day of September next inclusive. The contractor will be required to enter into a contract, and he and two sureties will have to execute a bond in the penal sum of 100l. conditioned for the performance of such contract, and he will have to pay for stamping the contract and bond. Tenders containing the names and addresses of the proposed sureties, sealed up, and addressed to the Commissioners, and indorsed "Tender for Watering," must be delivered to the Commissioners, at their said meeting, before half-past Six o'clock in the evening of that day; and the Commissioners do not pledge themselves to accept the lowest or any tender. The terms of the contract and bond can be inspected at the Clerk's Office.

Dated this 26th day of February, 1852. By order of the Commissioners.

GEORGE HOLMES, Clerk.

26, Bridge-street, Southwark.

or a comprehensive guide on PDF Compression and OCR go to our website